# PDG Shopping Cart 2002

Configuring UPS OnLine®
Tools - XML Version

PDG Software, Inc. 1751-B Montreal Circle Tucker, Georgia 30084-6802

Copyright ©2002 PDG Software, Inc.; All rights reserved.

PDG Software, Inc. ("PDG Software") retains all ownership rights to the software programs (referred to herein as "Software") offered by PDG Software and related documentation. Use of the Software and related documentation is governed by the license agreement accompanying the Software and applicable copyright law.

THIS DOCUMENTATION IS PROVIDED "AS-IS" WITHOUT WARRANTY OF ANY KIND. IN NO EVENT SHALL PDG SOFTWARE BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OR DATA, INTERRUPTION OF BUSINESS, OR FOR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND, ARISING FROM ANY ERROR IN THIS DOCUMENTATION.

PDG Shopping Cart® is a registerd trademark of PDG Software, Inc. UPS OnLine® is a registered trademark of Unites Parcel Services of America. All other trademarks are the property of their respective owners.

PDG Software, Inc. http://www.pdgsoft.com

December 2002

# **Table of Contents**

Chapter 1	Shipping Options for UPS	7
Setting UPS Opt	tions	
	st	
	UPS?	
UPS Specific I	Information	9
-	th UPS	
	ation	
	g	
•	e Tracking for your Merchants	
	lts Template	
Chapter 2	UPS OnLine Tools -	
	Descriptions and Notices	23
UPS General No	otice	23
	ervice Selection Tool	
UPS Tracking T	`ool	24
-	rmation about Shipping Vour Packages with LIPS	

#### Chapter 1

# Shipping Options for UPS

Configuring PDG Shipping Options to use UPS



ue to enhancements in UPS technology and the integration of the UPS Online® Tools into PDG Shopping Cart, PDG Software, Inc. has made changes to the configuration procedure for setting shipping options.

PDG Software has integrated the UPS OnLine® Tools Rates & Service XML and the UPS OnLine® Tools Tracking XML.

These changes take effect in PDG Cart 2002 version 2.50.00 Patchlevel 00. Previous versions of PDG Shopping Cart will NOT work with the UPS XML system.

If you have a previous version of PDG Shopping Cart, contact PDG Software, Inc. for information about upgrading.

# Setting UPS Options

To begin setting shipping options, go to the PDG Cart Administrator. Click on 'Shipping Options.'

**Note**: If you are upgrading from a previous version of PDG Shopping Cart, you MUST remove any existing shipping methods that use UPS to obtain rates for shipping! If you do not remove your existing UPS Methods they will appear within the Administrator, BUT WILL NOT calculate shipping costs during the check out process.

You should see a screen similar to the following:

PDG Cart 2002				
UPS TEST SITE Shipping C	onfiguration 🖫			
Administrator Version 2.25.00 Patchlevel 02 (Debug) Status: These settings are live. Return to Main Menu				
Rule # Description		Additional Cost		
General Shipping Settings	Real	Time Shipping Settings		
▼ Requires Shipping Info	Real Time Carrier:	None		
☐ Add Subtotal Rules?	Real Time Method:	None 🔻		
☐ Add Weight Rules?	Pickup:	Not Applicable ▼		
☐ Add Quantity Rules?	Packaging:	None 🔻		
Do Not Display on Checkout Page?	Back Up Method:			
* You Can Use a Combination of General and Real Time Shipping				
Discount Shipping By For Orders That Are Over In Total Cost  Add Shipping Method				

#### Rule#

Just like the rule number fields you encountered when entering payment methods, product options, and option selections, this rule number field allows you to maintain an order to your shipping rules. Remember that if you insert a new rule and assign a number to which an existing rule is already assigned, the administrator will insert that rule just above the existing rule that has the same number assignment and will renumber the existing rule and all rules thereafter accordingly.

#### Description

In this field, enter the name of the delivery method as it is to be displayed to your customers - such as 'Standard Shipping', 'UPS Second Day Air', etc. Remember, you should enter the variations of a particular method as separate entries. For example, if you intend to offer UPS Ground and UPS 2nd Day Air® as options, then each one should be entered separately.

#### **Additional Cost**

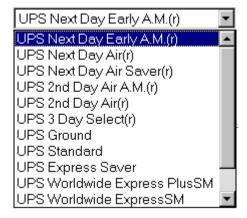
Enter an amount here if you wish to charge an additional cost above the rate returned from UPS. This amount may be a specific value (such as \$5.00) or a percentage of the quoted UPS rate (such as 15%).

#### Add cost from UPS?

If you want PDG Cart to contact the UPS (United Parcel Service) OnLine® Tools and capture the appropriate shipping charge, then you should choose UPS from the "Real Time Carrier" drop-down box.

Once UPS is chosen, the "Real Time Method" drop-down box will automatically update. From this drop-down box, choose the type of UPS Service for the shipping rule which you are defining. For example, if you offer UPS 2nd Day Air® as a delivery option, then you should choose 'UPS 2nd Day Air®' from the drop down menu. This enables PDG Cart to consult the UPS Online Tools® and retrieve the appropriate charge for UPS 2nd Day Air®. This occurs on a "real-time" basis during the check-out process.

The Real Time Method list will look something like this:



#### **UPS Specific Information**

**Note**: Not all UPS shipping methods, pickup types, and packaging types are compatible. If in doubt, check with your UPS representative for which combinations are valid.

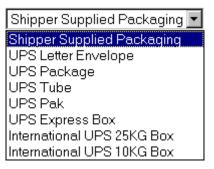
This area contains two drop down boxes for you to define your pickup type and packaging type.

#### Pickup Type



Select your usual pickup type from the list.

#### **Packaging Type**



Select your usual packaging type from the list.

#### **Requires Shipping Info**

Place a check mark in this field if you want to force PDG Cart to require shipping address information. In most cases, you will enable this field to allow customers to ship orders to addresses which may differ from the billing address. However, in some cases, it may not be necessary to force collection of a "shipping" address. If you are a software distributor and you provide delivery through direct download (thus, 'Download' being one of your shipping methods), there is no need to collect a shipping address for this particular method.

#### **Add Subtotal Rules?**

Check this box if you want to add in shipping charges based on an order's subtotal, as definied in the Subtotal Rules table.

#### **Add Weight Rules?**

Check this box if you want to add in shipping charges based on an order's weight, as defined in the Weight Rules table.

#### Add Quantity Rules?

Check this box if you want to add in shipping charges based on an order's quantity, as defined in the Order Quantity Rules table.

#### Do Not Display On Checkout Page?

PDG Shopping Cart has the ability to have backup shipping methods, that are used by PDG Shopping Cart only if a real-time costing method fails. If, for some reason, PDG Shopping Cart fails to retreive a real-time cost from UPS, then you can have a back-up shipping method to add in shipping costs. This backup method is not displayed on the Check Out page. Check this box to designate this shipping method as a back-up method.

Please refer to the PDG Shopping Cart User Manual for details on configuring the quantity, weight, subtotal rules, and discount settings.

Once all fields are completed for a shipping option, click the Add button. If you want to remove a particular shipping option, click the Remove button.

**Note**: With the new UPS system, the first time you add a UPS shipping option, you will be prompted to register with the UPS OnLine® Tools.

Now that shipping methods have been defined, it is time to concentrate on establishing shipping rules which will calculate shipping charges to the customer. You may want to survey Web stores in your industry to see how your competitors are charging for shipping. PDG Shopping Cart offers three more methods for calculating shipping charges: by subtotal, weight or quantity. You can establish rules by more than one of these methods, if necessary, and all of the rules can be combined to create a thorough ruleset for your web store.

# Registering with UPS

If you are not registered with UPS, PDG Shopping Cart will initiate the registration process automatically when you first add a shipping rule utilizing UPS OnLine® Tools or attempt to track a package with the UPS OnLine® Tracking XML tool. If you were using a PDG Shopping Cart prior to 2002 version 2.5, and have now upgraded, you need to delete any exisisting rules utilizing UPS OnLine® Tools. Then add a new rule using UPS OnLine® Tools to begin the registration process. The registration process begins with the following screen:



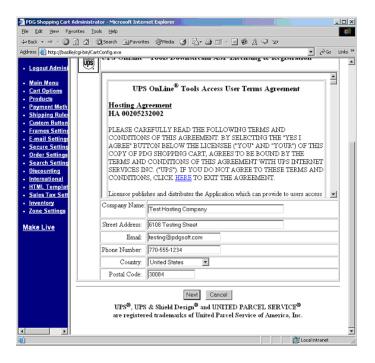
Select the appropriate radio box and click on 'Next' button.

**Note**: If you are a hosting provider, and plan to use the UPS Online Tools in conjuction with a PDG Shopping Cart in the capacity of an end-user as well, you **MUST** complete the registration process as a Hosting Provider first.

A screen similar to the following will appear (example shown is for Hosting Providers).



Scroll down the page and read the UPS License Agreement. Once you are done, fill out the form and click 'Next'.



Once your registration information has been processed, a confirmation page will appear similar to the following.



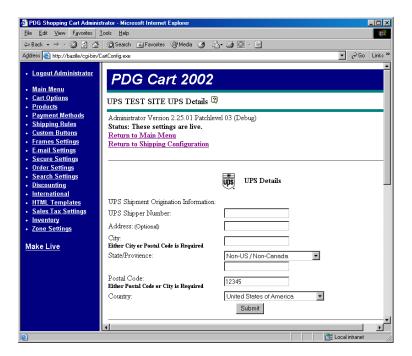
Now click on the 'Next' on the bottom of the page. You will then be returned to continue with your previous task (be it configuring shipping methods or tracking a package).

**Warning**: You MUST return to the PDG Merchant Administrator page and click on the 'Make Changes Live' button to complete your registration. If you click on the 'Discard Changes' button, you will lose ALL of the UPS registration information you entered and will have to repeat the registration process.

This completes the initial UPS configuration settings. If you want to add more UPS shipping options for your customers, you will not be required to go through the registration process and can simply add them as you would normally.

# **UPS** Configuration

Once you have registered with UPS, you may click on "UPS Configuration" in the Shipping Rules section of the Merchant Administrator to view your UPS Settings and to track orders.

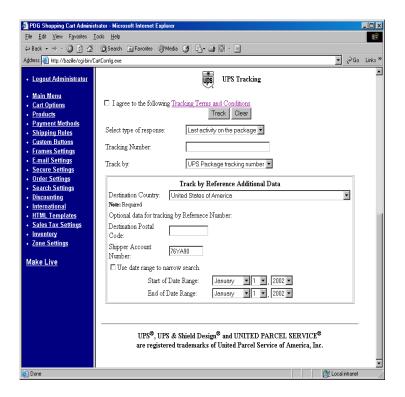


#### **UPS Details**

This section of the UPS Configuration displays information about you that may be used in interaction between PDG Shopping Cart and UPS. You may change the information as needed. **Note**: If you change your UPS Shipper Number, you will need to re-register your PDG Shopping Cart with the UPS Online Tools as indicated above. Changing your UPS Shipper Number in this section, by itself, will

more than likely disable all communication between PDG Shopping Cart and UPS.

# **Order Tracking**



To track an order, select the type of response, the method of tracking, and the tracking identifier. You must also check the box at the top of the page indicating that you agree to the Tracking Terms and Conditions. The tracking identifier may be either the package's tracking number, the shipment's tracking number, or a vendor specific reference number, depending on the method of tracking selected.

If you are tracking by reference number, you can specificy optional data to further refine the tracking search.

Click on the "Track" button near the top of the page to begin tracking.

# Allowing Package Tracking for your Merchants

Customers can track the shipment status of their orders, which have been shipped via UPS, through your web store. There are two methods to set this up. You can embed a link to PDG Shopping Cart, instructing it to dynimcally generate a UPS tracking page. Or you can directly embed a standard HTML form on any of your web store's web pages or PDG Shopping Cart Templates.

To embed a link, use the PDG Shopping Cart action 'display' with a special template for UPS tracking. A sample template, named 'UPSTrack.htm', is included. For specific instructions on embedding PDG Shopping Cart links in your website, see the instructions in the Chapter 'Embedding PDG Shopping Cart' as described in the PDG Shopping Cart User Guide. An example link would be:

<a href="http://www.mysite.com/cgi-bin/shopper.cgi?display=action&template=Templates/UPSTrack.html"&emptyoverride=yes>Track my order</a>

You can embed a form call directly into your web pages to get UPS tracking information from PDG Shopping Cart. The following form fields are used in this form, and are marked as either required or optional. An HTML example is provided after the field descriptions.

#### trackno (Required)

This form field should contain the order reference number provided to the customer. The reference number is specified by you when the packages are originally shipped. Your customer will then need this reference number to track the packages.

PDG Software recommends that you use the order's invoice number for the UPS reference number. However, you are not restricted to solely using the invoice number, and can use any other numbering system you see fit.

**Note**: This field is used to track orders by your reference number, not by standard UPS tracking numbers. To enable shipment tracking for standard UPS tracking numbers for your customers, you should utilize the web-based tracking tools provided by UPS outside of PDG Shopping Cart.

#### rqstopt (Required)

This field specifies the amount of tracking information to return. If this field is 'activity', UPS will return with the entire shipping history of the package. If this field is set to 'none', UPS will return with only the last shipping activity of the package. This form field should either be a select box if you wish to offer a choice to your customers, or set to a hidden field if you only want to return one type of information.

## destcntry (Required)

This field must contain the PDG Shopping Cart's country code index for the package's destination country. This form field can be a select box for selecting a country from a list, or a hidden field to track shipments to a single specific country. If a select box is used, you can specify the country list statically in HTML, or, if the form is embedded in a PDG Shopping Cart template, allow PDG Shopping Cart to dynamically generate the select box contents with the template tag "<!-- COUNTRY LIST-->".

**Note**: The data for this field is the PDG Shopping Cart's country code index, not any country code data specific to UPS. PDG Shopping Cart will convert the country code index to the proper country data for UPS. The country code indexes for PDG Shopping Cart can be found in the **PDG Shopping Cart 2002 Technical Reference Manual**.

#### terms (Required)

This field must contain the text 'agree' for UPS to return tracking information to your customer. This field indicates your customer's acceptance to all UPS Tracking terms and conditions. This field should be a checkbox or radio button.

#### upstrack (Required)

This field is the PDG Shopping Cart's 'action' field - it tells PDG Shopping Cart to perform the package tracking with UPS. This field can be the submit button to your form, or it can be a hidden field. The value data for this field is ignored - it is the presence of this field that instructs PDG Shopping Cart to track the package with UPS.

## destzip (Optional)

Customers can specify an optional destination postal code. Only shipments to this postal code are then returned by UPS.

#### usedates (Optional)

Your customers can specify a date range to further refine UPS tracking results. For PDG Shopping to pass date search information on to UPS, the first character for the value of this field must be either a 'Y' or a 'y'. You can use a checkbox, a radio button, or a select box for this field.

#### beginmon (Optional)

This is the two-digit number for the month of the date to use to begin the search range. The numbering starts with 01, for January, and proceeds to 12, for December. If this field is omitted, UPS will ignore the starting date for the search.

#### beginday (Optional)

This is the two-digit number for the day of the month to use to begin the search range. If this field is omitted, UPS will ignore the starting date for the search.

## beginyr (Optional)

This is the four-digit number for the year to use to begin the search range. Do not pass two digits in this field. If this field is omitted, UPS will ignore the starting date for the search.

# stopmon (Optional)

This is the two-digit number for the month of the date to use to end the search range. The numbering starts with 01, for January, and proceeds to 12, for December. If this field is omitted, UPS will ignore the ending date for the search.

## stopday (Optional)

This is the two-digit number for the day of the month to use to end the search range. If this field is omitted, UPS will ignore the ending date for the search.

## stopyr (Optional)

This is the four-digit number for the year to use to end the search range. Do not pass two digits in this field. If this field is omitted, UPS will ignore the ending date for the search.

Example HTML Code for Tracking

```
<form method="post" action="/cgi-bin/Shopper.exe">
       UPS reference Number:
          <input name="trackno" size="20">
          Select type of response:
          <select name="rqstopt">
             <option value="none" selected>Last activity on the package/
option>
             <option value="activity">All activity on the package</option>
           </select>
        Destination Country:
          <select name="destcntry">
<!--COUNTRY LIST-->
           </select>
         Optional data for UPS OnLine<sup>&req;</sup> Tools
XML tracking:
        Destination Postal Code:
          <input name="destzip" maxlength="16" size="12">
        <input type="checkbox" name="usedates"</pre>
value="yes">Use date range to
           narrow search.
        <center>
```

```
Start of Date Range:
 <select name="beginmon">
      <option value="01" selected>January</option>
      <option value="02">February</option>
      <option value="03">March</option>
      <option value="04">April</option>
      <option value="05">May</option>
      <option value="06">June</option>
      <option value="07">July</option>
      <option value="08">August</option>
      <option value="09">September</option>
      <option value="10">October</option>
      <option value="11">November</option>
      <option value="12">December</option>
    </select><select name="beginday">
      <option selected>1</option>
      <option>2</option>
      <option>3</option>
      <option>4</option>
      <option>5</option>
      <option>6</option>
      <option>7</option>
      <option>8</option>
      <option>9</option>
      <option>10</option>
      <option>11</option>
      <option>12</option>
      <option>13</option>
      <option>14</option>
      <option>15</option>
      <option>16</option>
      <option>17</option>
      <option>18</option>
      <option>19</option>
      <option>20</option>
      <option>21</option>
      <option>22</option>
      <option>23</option>
      <option>24</option>
      <option>25</option>
      <option>26</option>
      <option>27</option>
      <option>28</option>
      <option>29</option>
      <option>30</option>
      <option>31</option>
    </select>, <select name="beginyr">
      <option selected>2001</option>
      <option>2002</option>
      <option>2003</option>
      <option>2004</option>
      <option>2005</option>
      <option>2006</option>
      <option>2007</option>
      <option>2008</option>
      <option>2009</option>
      <option>2010</option>
      <option>2011</option>
      <option>2012</option>
    </select>
End of Date Range:
 <select name="stopmon">
      <option value="01" selected>January
      <option value="02">February</option>
      <option value="03">March</option>
      <option value="04">April</option>
      <option value="05">May</option>
      <option value="06">June</option>
      <option value="07">July</option>
      <option value="08">August</option>
      <option value="09">September</option>
      <option value="10">October</option>
      <option value="11">November</option>
      <option value="12">December</option>
    </select><select name="stopday">
      <option selected>1</option>
      <option>2</option>
      <option>3</option>
      <option>4</option>
      <option>5</option>
      <option>6</option>
```

```
<option>7</option>
                       <option>8</option>
                       <option>9</option>
                       <option>10</option>
                       <option>11</option>
                       <option>12</option>
                       <option>13</option>
                       <option>14</option>
                       <option>15</option>
                       <option>16</option>
                       <option>17</option>
                       <option>18</option>
                       <option>19</option>
                       <option>20</option>
                       <option>21</option>
                       <option>22</option>
                       <option>23</option>
                       <option>24</option>
                       <option>25</option>
                       <option>26</option>
                       <option>27</option>
                       <option>28</option>
                       <option>29</option>
                       <option>30</option>
                       <option>31</option>
                     </select>, <select name="stopyr">
                       <option selected>2001</option>
                       <option>2002</option>
                       <option>2003</option>
                       <option>2004</option>
                       <option>2005</option>
                       <option>2006</option>
                       <option>2007</option>
                       <option>2008</option>
                       <option>2009</option>
                       <option>2010</option>
                       <option>2011</option>
                       <option>2012</option>
                     </select>
                 </center>
           <input type=checkbox name=terms
value=agree> I agree to the following:<br><!-This is a REQUIRED entry -->
NOTICE: The UPS package tracking systems accessed via this service (the "Tracking
Systems") and tracking information obtained through this service (the "Informa
tion") are the private property of UPS. UPS authorizes you to use the Tracking
Systems solely to track shipments tendered by or for you to UPS for delivery and
for no other purpose. Without limitation, you are not authorized to make the
Information available on any web site or otherwise reproduce, distribute, copy,
store, use or sell the Information for commercial gain without the express written
consent of UPS. This is a personal service, thus you right to use the Tracking Sys-
tem or Information is non-assignable. Any access or use that is inconsistent with
these terms is unauthorized and strictly prohibited.
           input type="submit" name="upstrack"
value="Track My Order">
           </form>
```

# **Tracking Results Template**

PDG Shopping Cart uses a template to display the tracking results from UPS. You may customize this template to fit the look and feel of your web store. The default name for this template is "UPSTrackResults.html". In addition to standard PDG Shopping Cart template tags, this template also requires:

# TRACK\_RESULTS (Required)

PDG Shopping Cart replaces this tag with the tracking results from UPS. The syntax for this tag is: <!---TRACK RESULTS--->. Part of the results returned from UPS include UPS Tracking terms and conditions, and the UPS logo. These items are part of the system, and cannot be removed or modified.

# **Getting Help**

Technical support is available at our web site at http://support.pdgsoft.com. Also, you may reach us directly at (770) 270-0062.



**PDG Software** 

#### Chapter 2

# UPS OnLine Tools - Descriptions and Notices

List of Notices required when using UPS OnLine Tools

#### **UPS General Notice**

When using the UPS OnLine Tools, PDG Cart 2002 displays the UPS Trademark and accompanying disclaimer\* on each shipping screen and shipment notification viewed by your customer. These element are permanent and may not be deleted or altered in any way.

\* UPS®, UPS & Shield Design®, and UNITED PARCEL SERVICE® are registered trademarks of United Parcel Service of America, Inc.

#### **UPS Rates & Service Selection Tool**

If your customers want flexibility and control over the shipment of their online purchases, your e-commerce site needs UPS OnLine® Tools Rates & Service Selection. This tool identifies all the available UPS domestic and international services and displays shipping rates based on a package's specifications. This empowers your online shoppers to compare, price and select the shipping services that best fit their needs and budgets. For example, your customers can choose express services, like UPS Next Day Air®, when they need their packages right away and standard services, like UPS Ground, when they have more time for delivery.

The XML version gives you the flexibility to format the rates and services data to suit your Web site or application's design and layout. For example, you can use this data to create easy-to- understand menus from which your online customers can select a shipping method. This tool can be used for single packages shipped from 35 origin countries.

#### With UPS Rates & Service Selection, You Can:

- Generate specific shipping charges for each of your customer's products.
- Generate specific shipping charges for each shipping option your customer may choose.
- Create attractive pull-down menus your online customers can use to make their shipping choices.

#### Your Customer Can:

- Find accurate service and rate information from UPS right on your Web site.
- Compare total shipping and handling charges for different UPS service levels.
- Save money by choosing the right shipping option every time.
- Learn when their packages will arrive and how much shipping will cost.

When using the UPS Rate & Service Selection, PDG Cart 2002 displays a required disclaimer\* when the UPS Published rate is altered in any way, i.e. handling charges are added to the UPS rate or if the rate has been discounted.

\* NOTICE: These fees do not necessarily represent UPS published rates and may include handling charges levied by this web site.

PDG Cart 2002 also will list the properly displayed UPS service level name with the respective trademark, i.e. UPS Next Day  $Air^{\mathbb{R}}$ , USP Worldwide Express<sup>SM</sup>

# **UPS Tracking Tool**

If you want to improve customer service and increase traffic on your e-commerce site, you need UPS OnLine® Tools Tracking. This powerful tool lets your customers track their shipments right from your e-commerce site using your own reference or order number — and this may lead to additional traffic to your Web site and hopefully more sales.

UPS Tracking can also improve internal business processes such as accounting and customer service. For example, when a customer calls about the status of a recent shipment, your customer service representative can view specific details about the shipment, including the time and location of each scan as the package moves toward its final destination. With this information, your representative can quickly and efficiently deliver top-notch customer service.

The XML version allows you to provide valuable tracking information to your customers in 16 different languages. It also gives you greater flexibility by allowing you to format the tracking data to suit your Web site or application's design

and layout. This tool is available for use by businesses in 46 countries. Please see http://www.ec.ups.com/ecommerce/solutions/global\_redirect.html for the current country list.

With UPS Tracking, You Can:

- Offer end-to-end customer service.
- Drive additional traffic to your Web site.
- Lengthen the amount of time your customers spend on your Web site.

#### Your Customers Can:

- Track existing orders and make new purchases from your Web site.
- Benefit from online customer support.

When using UPS Tracking, PDG Cart 2002 displays a required disclaimer\* to your customers. This notice is permanent and may not be deleted or altered in any way.

\* The UPS package tracking systems accessed via this Web Site (the "Tracking Systems") and tracking information obtained through this Web Site (the "Information") are the private property of UPS. UPS authorizes you to use the Tracking Systems solely to track shipments tendered by or for you to UPS for delivery and for no other purpose. Without limitation, you are not authorized to make the Information available on any web site or otherwise reproduce, distribute, copy, store, use or sell the Information for commercial gain without the express written consent of UPS. This is a personal service, thus your right to use the Tracking Systems or Information is non-assignable. Any access or use that is inconsistent with these terms is unauthorized and strictly prohibited.

# Additional Information about Shipping Your Packages with UPS

Several alternatives are available for shipping with UPS including:

*Internet Shipping* - ship right from your desktop on the UPS web site just by registering for your own full-featured shipping command center.

*UPS OnLine WorldShip* - free, easy-to-install PC software for all your domestic and international shipments.

You can also schedule a pickup, find the nearest drop-off location, and order free shipping supplies. Visit www.ups.com for more information about these services and many more.



**PDG Software**